Lab - Creating an Unattended Virtual Install of XP Using VirtualBox

Overview

In this lab, students will create a virtual unattended install of Windows XP Pro SP2 using VMWare. This will be one of the attack victims used in the lab. Creating this VM of Windows XPSP2 is very straightforward.

The Windows XP SP2 Unattended Install ISO can be downloaded using this link: <u>Download</u> Windows XP SP2 Unattended

Once the Dropbox download site appears, go to the upper right corner, and click on the three dots. This opens the context menu and presents you with a download option. Click on download.



Save the ISO download to a location on your local machine. Remember the location!

Dening Windows XP Professional SP2 Unattended .iso				
Windows XP Professional SP2 Unattended .iso				
which is: iso File (587 MB)				
from: https://dl.dropboxusercontent.com				
What should Firefox do with this file?				
O Open with Browse				
Save File				
Do this automatically for files like this from now on.				
OK Cancel				

This is the direct link: <u>https://www.dropbox.com/s/zp4m9lzduqh3vgj/Windows%20XP%20Professional%20SP2</u> <u>%20Unattended%20.iso?dl=0</u>

Creating a New Virtual Machine in VirtualBox

To create a new virtual machine in VirtualBox, click on New. The Create Virtual Machine wizard opens. Give your new machine a user-friendly name. Under type, select Microsoft Windows and under version, select Windows XP (64-bit). Click Next.

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Create Virtual Machine					
Name	and operating system				
Please of type of be used	hoose a descriptive name for the new virtual machine and so operating system you intend to install on it. The name you o throughout VirtualBox to identify this machine.	elect hoose	the will		
N <u>a</u> me:	Windows XP				
<u>Type</u> :	Microsoft Windows	•			
Version:	Windows XP (32-bit)	•	(CP)		
	Expert Mode	Cano	el		

If you can spare the RAM, bump it up to 1024 MB. If not leave it at the default of 512 but if your XP machine is slow to boot or non-responsive, this is where you need to look to fix the issue. Click next.



For the hard disk, accept the default to create a virtual disk now. Click Create.



In the next window, accept the default hard disk file type, VDI. Click next.



Accept the default storage type as dynamically allocated.



For Windows XP, 10 GB of dynamically allocated storage space is plenty. We will not be updating Windows XP as it needs to remain unpatched.

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Create Virtual Hard Disk		
File location and size		
Please type the name of the new virtual hard disk file into the box below or click folder icon to select a different folder to create the file in.	on th	e
Windows XP		
Select the size of the virtual hard disk in megabytes. This size is the limit on the file data that a virtual machine will be able to store on the hard disk.	amour 10	nt of .00 GB
4.00 MB 2.00 TB		
Create	Car	ncel

This creates the machine. We now need to create an install of Windows XP onto the machine. Select your Windows XP machine and click on the green start button.



For this step, we must select a start-up disk. Click on the browse button and browse to the download of your **Windows XP Professional SP2 Unattended.iso** image. Click on start. The Windows XP setup begins.



At the first screen, accept the default partition size and hit enter.

🔀 Windows XP [Running] - Oracle VM VirtualBox	
File Machine View Input Devices Help	
Windows XP Professional Setup	
The following list shows the existing partitions and unpartitioned space on this computer. Use the UP and DOWN ARROW keys to select an item in the list. • To set up Windows XP on the selected item, press ENTER. • To create a partition in the unpartitioned space, press C. • To delete the selected partition, press D.	
10237 MB Disk 0 at Id 0 on bus 0 on atapi [MBR]	
C: Partition1 [New (Raw)] 10229 MB (10228 MB fr Unpartitioned space 8 MB	ee)
ENTER=Install D=Delete Partition F3=Quit	
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Accept the default format type of NTFS.



Allow the install to format the virtual disk.



Setup copies files over to the disk.

🞇 Windows XP [Running] - Oracle VM VirtualBox	
File Machine View Input Devices Help	
Windows XP Professional Setup	
Please wait while Setup copies files to the Windows installation folders. This might take several minutes to complete.	
Setup is copying files 37%.	
, <u> </u>	
Copyir 2	ig: srgb.icm 🚰 🔟 🐼 💽 Right Ctrl 🔡

After the file copy process, the machine restarts.

After the restart, the GUI portion of the install begins.



Set your date and time and time zone.

/ind	ows XP Professional Setup
C	Pate and Time Settings Set the correct date and time for your Windows computer.
	Date & Time
	Lime Zone (GMT-08:00) Pacific Time (US & Canada); Tijuana ✓ Automatically adjust <u>c</u> lock for daylight saving changes
	< Back

The install continues. Allow the install to complete, reboot and to come back up and should automatically boot to the desktop. The administrator password is **password** all lower case.



Install the guest additions. Click Devices and from the context menu select install guest additions.



Step the installation wizard to install the guest additions.



To prevent Windows XP from logging you out after 10 minutes of inactivity, remove the screensaver.

Right-click anywhere on the screen, and select properties. Click on the Screen Saver tab, and from the pull-down menu, select none.



Make sure you shut down your XP machine gracefully using the start menu. Shutting XP down improperly will corrupt either Kali and Windows XP.



Use the Power button to reboot or shutdown your Windows XP machine.

All Programs 🕨	🖉 Run
2	Cog Of O Turn Off Computer
Turn off computer	<i>#</i>
Stand By Turn Off	Restart
	Cancel

End of the lab!